



**Wildfire
Operations
Research**



FPInnovations – Wildfire Operations Research

Fall 2017 Advisory Meeting

AGENDA

**If you are interested to join the meeting, please contact Rex Hsieh at rex.hsieh@fpinnovations.ca
or 1-780-740-3899**

Monday Nov 6		
19:00	Social Mixer – Location: The Edmonton South Hampton Inn address: 10020 12 Ave. SW Edmonton.	
	<ul style="list-style-type: none"> • Presentation 1: Summary of experiment burns in last 15 years • Presentation 2: Celebration of Ray Ault's retirement 	
Tuesday Nov 7 – Location: InnoTech Alberta		
08:30	Doors open, coffee and muffins	
08:45	Online connection set-up	
09:00	Meeting Starts	
	Introductions.....	Rex
	Approval of Minutes.....	Rex
	Housekeeping.....	Rex
	FPInnovations update.....	Dominik
	Completed projects.....	Rex
09:15	Updates	
	Ft. Providence NWT Results.....	Greg
	Pelican Mountain, AB Results.....	Greg
	Ontario drop testing.....	Rex
09:25	Aviation	
	Wildfire chemical performance evaluation road map.....	Rex
	Quantification of performance evaluation of wildland fire chemicals using a custom-build thermal canister.....	Razim
	Development of a wildfire chemical performance test method by using burning wood crib.....	Razim
	Heavy helicopter and gel field evaluation.....	Rex
10:05	Detection	
	Effectiveness of a distributed decision (crowdsourcing) wildfire detection – Hummingbird Watch evaluation.....	Rex
10:15	Operations	
	Fire behaviour and initial-attack crew capabilities in burning harvest debris.....	Greg
	Windrow burning	Greg
	Using the environmental lapse rate to forecast wildfire blow-ups.....	Greg
10:45	COFFEE BREAK	
11:00	Equipment	
	Alberta helitorch re-design project	Roy
	Development an instrument to measure wildfire intensity.....	Rex
	Infrared hotspot prototype construction, testing and evaluation	Roy
	Trident high volume pump and water delivery system	Roy
	Harvesting Robot for fuels treatment.....	Greg
12:00	LUNCH BREAK	
12:45	Community Protection / Forest Fuel Treatments	



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		<i>Evaluating the effectiveness of forest fuel treatment: A decade of experimental fire.....</i>	Steve
		Under Burning	Greg
		Mulching.....	Steve
		Black spruce fuel amendment.....	Steve
		Harvest debris and fire behaviour.....	Steve
		Ember transfer NWT CBC site.....	Steve
		<i>Group Discussion: NWT CBC site</i>	Greg
13:45		Open Projects.....	Rex
13:50		New Projects.....	Rex
14:00		Closing Comments.....	Rex